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01/25/02  
1c921 U.S. PTO

<b>UTILITY PATENT APPLICATION TRANSMITTAL</b> (CLAIMING BENEFIT TO PROVISIONAL APPLICATION) (New Nonprovisional Applications Under 37 CFR § 1.53(b))	Attorney Docket No. <b>52637-0035</b>
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**TO THE COMMISSIONER FOR PATENTS:**

Transmitted herewith is the patent application of ( ) application identifier or (X) first named inventor, Andrew STORM, entitled METHOD FOR ADAPTIVE BIT ASSIGNMENT AND FINE GAIN ADJUSTMENT IN A MULTI-CARRIER COMMUNICATIONS SYSTEM, for a(n):

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10/057053  
01/25/02

- (X) Original Patent Application that claims the benefit of prior U.S. Provisional Application 60/264,331, filed January 25, 2001.
- ( ) Continuing Application (prior application not abandoned):
- ( ) Continuation ( ) Divisional ( ) Continuation-in-part (CIP) of prior application No: \_\_\_\_\_ Filed on: \_\_\_\_\_
  - ( ) A statement claiming priority under 35 USC § 120 has been added to the specification.

**Enclosed are:**

- (X) Specification 33 Total Pages; (X) Drawing(s) 7 Total Sheets; (X) Cover Sheet 1 Page
- (X) Oath or Declaration: 3 Pages
- (X) A Newly Executed Combined Declaration and Power of Attorney:
  - ( ) Signed. (X) Unsigned. ( ) Partially Signed.
- ( ) A Copy from a Prior Application for Continuation/Divisional (37 CFR § 1.63(d)).
  - ( ) Incorporation by Reference. The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied, is considered as being part of the disclosure of the accompanying application and is hereby incorporated herein by reference in its entirety for all purposes.
  - ( ) Signed Statement Deleting Inventor(s) Named in the Prior Application. (37 CFR § 163(d)(2)).
- ( ) Power of Attorney. (X) Return Receipt Postcard.
- ( ) Associate Power of Attorney. (X) A Check in the amount of \$ 826.00 for the Filing Fee.
- ( ) Preliminary Amendment. ( ) Information Disclosure Statement and Form PTO-1449.
- ( ) Request and Certification Under 35 U.S.C. 122(b)(2)(B)(i)
- (X) A Duplicate Copy of this Form for Processing Fee.
- ( ) A Certified Copy of Priority Documents (if foreign priority is claimed).
- (X) Applicant(s) is entitled to small entity status. See 37 CFR 1.27.
- ( ) Statement(s) of Status as a Small Entity Filed in Prior Application, Status Still Proper and Desired.
- ( ) Recordation of Assignment Cover Sheet and **executed** Assignment.
- (X) Other: Fee Transmittal

CLAIMS AS FILED				
FOR	NO. FILED	NO. EXTRA	RATE	FEE
Total Claims	52	32	\$9.00	\$ 288.00
Independent Claims	7	4	\$42.00	\$ 168.00
Multiple Dependent Claims (if applicable)				\$0.00
Assignment Recording Fee				\$0.00
Basic Filing Fee				\$370.00
Total Filing Fee				\$ 826.00

Charge \$ \_\_\_\_\_ to Deposit Account 50-1302 pursuant to 37 CFR § 1.25. Throughout the pendency of this application, please charge any additional fees, including any required extension of time fees, and credit all overpayments to deposit account 50-1302. A duplicate of this sheet is enclosed.

Respectfully submitted,  
By: [Signature]  
Van Mahamedi, Reg. No. 42,828

Date: January 25, 2002

Correspondence Address:

Express Mail Label No.: EL734971321US  
  
 Date of Deposit: January 25, 2002

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# FEE TRANSMITTAL for FY 2002

Patent fees are subject to annual revision,  
Small Entity payments must be supported by a small entity statement,  
otherwise large entity fees must be paid. See Forms PTO/SB/09-12.  
See 37 C.F.R. §§ 1.27 AND 1.28

TOTAL AMOUNT OF PAYMENT (\$ ) 826.00

## Complete if Known

Application Number	Not Yet Assigned
Filing Date	January 25, 2002
First Named Inventor	Andrew STORM Shane Tonissen
Examiner Name	Not Yet Assigned
Group/Art Unit	Not Yet Assigned
Attorney Docket No.	52637-0035

## METHOD OF PAYMENT (check one)

1. ☒ Throughout the pendency of this application, please charge any additional fees, including any required extension of time fees, and credit all overpayments to deposit account 50-1302. A duplicate of this sheet is enclosed.

Deposit Account Number 50-1302

Deposit Account Name Hickman Palermo Truong & Becker, LLP

2. ☒ Payment Enclosed:

☒ Check ☐ Money Order ☐ Other

3. ☒ Applicant(s) is entitled to small entity status.  
See 37 CFR 1.27

## FEE CALCULATION

### 1. BASIC FILING FEE

Large Entity Fee Code	Large Entity Fee (\$)	Small Entity Fee Code	Small Entity Fee (\$)	Fee Description	Fee Paid
101	740	201	370	Utility filing fee	370.00
106	330	206	165	Design filing fee	
107	510	207	255	Plant filing fee	
108	740	208	370	Reissue filing fee	
114	160	214	80	Provisional filing fee	

SUBTOTAL (1) (\$ ) 370.00

### 2. EXTRA CLAIM FEES

Total Claims	Extra Claims	Fee from Below	Fee Paid
52	-20**= 32	X 9.00	= 288.00
Independent Claims	7	-3**= 4	X 42.00 = 168.00
Multiple Dependent			

\*\*or number previously paid, if greater; For Reissues, see below

Large Entity Fee Code	Large Entity Fee (\$)	Small Entity Fee Code	Small Entity Fee (\$)	Fee Description
103	18	203	9	Claims in excess of 20
102	84	202	42	Independent claims in excess of 3
104	280	204	140	Multiple dependent claim, if not paid
109	84	209	42	**Reissue independent claims over original patent
110	18	210	9	**Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) (\$ ) 456.00

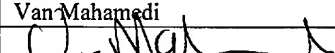
### 3. ADDITIONAL FEES

Large Entity Fee Code	Large Entity Fee (\$)	Small Entity Fee Code	Small Entity Fee (\$)	Fee Description	Fee Paid
105	130	205	65	Surcharge - late filing fee or oath	
127	50	227	25	Surcharge - late provisional filing fee or cover sheet.	
139	130	139	130	Non-English specification	
112	920*	112	920*	Requesting publication of SIR prior to Examiner action	
113	1,840*	113	1,840*	Requesting publication of SIR after Examiner action	
115	110	215	55	Extension for reply within first month	
116	400	216	200	Extension for reply within second month	
117	920	217	460	Extension for reply within third month	
118	1,440	218	720	Extension for reply within fourth month	
128	1,960	228	980	Extension for reply within fifth month	
119	320	219	160	Notice of Appeal	
120	320	220	160	Filing a brief in support of an appeal	
121	280	221	140	Request for oral hearing	
138	1,510	138	1,510	Petition to institute a public use proceeding	
140	110	240	55	Petition to revive - unavoidable	
141	1,280	241	640	Petition to revive - unintentional	
142	1,280	242	640	Utility issue fee (or reissue)	
143	460	243	230	Design issue fee	
144	620	244	310	Plant issue fee	
122	130	122	130	Petitions to the Commissioner	
123	50	123	50	Petitions related to provisional applications	
126	240	126	240	Submission of information Disclosure Stmt	
581	40	581	40	Recording each patent assignment per property (times number of properties)	
146	690	246	345	Filing a submission after final rejection (37 CFR § 1.129(a))	
149	690	249	345	For each additional invention to be examined (37 CFR § 1.129(b))	
Other fee (specify) _____					
Other fee (specify) _____					

\*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$ )

## SUBMITTED BY

Name (Print/Type)	Van Mahamedi	Registration No (Attorney/Agent)	42,828	Telephone	(408) 414-1080
Signature		Date	January 25, 2002		

**WARNING:** Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

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52637-0035

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